

MARS UNCOVERED: Revealing the Geologic History Through Mapping

Minimum materials required:

- 1 Internet-connected computer per team of students
- Mars Uncovered Student Guide: 1 per student
- Mars Uncovered Mapping Materials: At least 1 set per team of students
 - THEMIS Image Mosaic (Chryse Planitia recommended)
 - Transparency Sheet
 - Set of red, green, blue and black erasable markers
 - Two paper clips (to secure map and transparency sheet)
 - Magnifying glass (optional)

You will find the *Mars Uncovered Teacher Guide*, *Student Guide* and three possible images to map at the following links:

[**Mars Uncovered Teacher Guide**](#)

[**Mars Uncovered Student Guide**](#)

[**Chryse Planitia Image**](#)

[**Shalbatana Image**](#)

[**Tiu Valles Image**](#)

Students can simply follow the guide with the teacher leading necessary discussions as recommended in the *Mars Uncovered Teacher Guide*. If students are going to map one image, the *Chryse Planitia* image is recommended.

HOMEWORK RECOMMENDATION:

There are two classroom meetings designated for the *Mars Uncovered* activity. Students should be able to complete the activity in class. Whatever students do not finish in class after Meeting 3, they should finish for homework.